- 1 1. A method of applying a corrosion inhibiting material to an article, said method comprising
- 2 the steps of
- depositing a layer of corrosion inhibiting material onto a carrier film;
- depositing a layer of an adhesive onto said layer of corrosion inhibiting material to form a
- 5 transferable substrate;
- 6 applying said transferable substrate to said article; and
- 7 separating said carrier film from said transferable substrate.
- 1 2. A method as claimed in claim 1, wherein said corrosion inhibiting material has a thickness
- in the range of about 0.01 mils to about 6.0 mils.
- 1 3. A method as claimed in claim 1, wherein said transferable substrate has a thickness in the
- 2 range of about 0.11 mils to about 10.0 mils.
- 4. A method as claimed in claim 1, wherein said transferable substrate is in the shape of a
- 2 brake disc rotor.
- 1 5. A method as claimed in claim 1, wherein said corrosion inhibiting material includes a
- 2 DAUBERT VCI material.
- 1 6. A method of applying a corrosion inhibiting material to an article, said method comprising
- 2 the steps of
- depositing a layer of corrosion inhibiting material onto a carrier film;
- 4 applying said corrosion inhibiting material to the article; and

- separating said carrier film from said at least a portion of said corrosion inhibiting material.
- 1 7. A method as claimed in claim 6, wherein said corrosion inhibiting material includes a
- 2 conductive polymer.
- 1 8. A method as claimed in claim 7, wherein said corrosion inhibiting material includes a
- 2 polyethylene/acrylic acid copolymer.
- 1 9. A method as claimed in claim 6, wherein said method further includes the step of
- depositing a layer of adhesive material on said layer of corrosion inhibiting material prior to the
- 3 step of applying said corrosion inhibiting material to the article.
- 1 10. A method as claimed in claim 6, wherein said corrosion inhibiting material includes
- 2 adhesive properties, such that the bond between the corrosion inhibiting material and the article is
- 3 greater than the bond of the corrosion inhibiting material and said carrier film.
- 1 11. A protective composite to be applied to a receiving surface, said protective composite
- 2 including a frangible corrosion inhibiting material that is disposed on one side of a carrier
- 3 substrate, said frangible corrosion inhibiting material being transferable from said carrier
- 4 substrate by application of said protective composite to the receiving surface and subsequent
- 5 separation of said carrier substrate from said corrosion inhibiting material.
- 1 12. A protective composite as claimed in claim 11, wherein said protective composite
- 2 further includes a layer of adhesive material applied to said frangible corrosion inhibiting
- material prior to transfer of said carrier substrate to the receiving surface.

- 1 13. A protective composite as claimed in claim 11, wherein said corrosion inhibiting
- 2 material includes adhesive properties such that the bond of said corrosion inhibiting material to
- 3 the receiving surface is greater than the bond of the corrosion inhibiting material to the carrier
- 4 substrate.
- 1 14. A system for inhibiting corrosion on brake rotors of automotive vehicles, said system
- 2 including a protective composite that is adapted to be applied to a receiving surface, said
- 3 protective composite including a frangible corrosion inhibiting material that is disposed on one
- 4 side of a carrier substrate, said frangible corrosion inhibiting material being transferable from
- 5 said carrier substrate by application of said protective composite to the brake rotors and
- subsequent separation of said carrier substrate from said corrosion inhibiting material.